PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Page Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of

porta to a collection of illicities	tion arriods it contains a valle OND con	ti or marribor.
Co	mplete if Known	
Application Number	10/814,701	
Filing Date	03/30/2004	
First Named Inventor	Blatt; Lawrence M.	
Art Unit	1648	
Examiner Name	Mosher; Mary	
Attorney Docket Number	606319-004502US	

Examiner	Cite	Document Number	U. S. PATENT D Publication Date	Name of Patentee or	Pages Columns Lines Mines
Initials*	Cite No.	Number-Kind Code ^{2 (d known)}	MM-DD-YYYY	Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	 -	US-			1
	1				
		US-			
		US-			
	1	US-			
		US-			
	 	US-	 		
•	 	US-			
	<u> </u>	US-			
		US-	1		
	1	US-			
	l	US-	-		
		US-			
	1	US-			
		US-			
		US-	- -		
	 	US-			-
•.		US-			
		US-	 		
		US-			

Examiner Cite Initials* No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Γ	
		Country Code ³ "Number ⁴ "Kind Code ³ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	ן די
MM		EP 1213029	06-12-2002	Schering Corp.		Г
		WO 2004/091653	10-28-2004	De Lucia G.		Г
\ \ \		WO 2004/108151	12-16-2004	Tan ELC, et al.		Г
V		WO 2004/089983	10-21-2004	Haagmans BL, et al.		
			•			r

Examiner Signature	/Mary Mosher/	Date 07/09/2007

*EXAMINET: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (07-05)

Approved for use through 07/31/2008. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449/PTO	Application Number 10/814,701 TION DISCLOSURE Filing Date 03/30/2004	
Cabalitate (4) (5)(1) (4-5)(1)	Application Number	10/814,701
INFORMATION DISCLOSU	RE Filing Date	03/30/2004
STATEMENT BY APPLICA	NT First Named Inventor	10/814,701 e 03/30/2004 ed Inventor Blatt; Lawrence M. 1648 Name Mosher; Mary
(lies se many chaste or narageany)	Art Unit	1648
(Use as many sneets as necessary)	Examiner Name	Mosher; Mary
Sheet of	Attorney Docket Number	606319-004502US

		NON PATENT LITERATURE DOCUMENTS				
Examiner Cite No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
		Supplementary European Search Report for European patent application Number EP 04749378				
		Annex to the European Search Report on European Patent Application No. EP 04749378				
		Smith AL et al., Antiviral Research, 1987, vol. 8, no. 5/6, pages 239-245.				
		Turner RB et al., 1986, Database Biosis [online] Acc. No.: Prev198682100287, J. Intectious Disease, 154 (3) 443-447				
		Press release by Viragen, June 2, 2003.				
		Feng X, et al., Database WPI, Acc. No. 2004-083733, Derwent Pubs. (GB), CN 1 449 740, October 22, 2003.				
\bigvee		Gao, Z-c, et al., Database Medline, Acc. No. NLM 12837162, Chinese Critical Care Medicine, 15 (6) 332-335, June 2003				

Examiner	/Mary Mosher/	Date	07/09/2007
Signature	/Mary Mobiler/	Considered	07/09/2007
	<u> </u>		

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

RECEIVED CENTRAL FAX CENTER

NOV 0 9 2006

PTO/SB/08B (09-06)
Approved for use through 03/31/2007, OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

		ction Ad	d of 1995, no persona er	e required to respond to a collection	of information unless it control number. Complete if Known
Substitu	le for form 1449/PTO			Application Number	10/814,701
INF	INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	March 30, 2004	
			First Named Inventor	Lawrence M. Blatt	
		MATION DISCLOSURE MENT BY APPLICAN		Art Unit	1648
	(Use as many sheets as necessary)	ecessary)	Examiner Name	Mary Mosher	
Sheet	1	of	1	Attorney Docket Number	6319-4502US

Examiner Cite No.1					
MM		Australian Patent Office Search Report			
		Australian Patent Office Written Opinion			
		Uchiro Fuchizak et al., Synergestic Antiviral Effect of a Combination of Mouse Interferon-α and Interferon-γ on Mouse Hepatitis Virus, J. Med. Virol. 69:188-194 (2003)			
		Jianwu Pei, et al., Chicken Interferon Type I Inhibits Infectious Bronchitis Virus Replication and Associated, J. Interferon & Cytokine Res. 21:1071-1077 (2001)			
V		P.G. Higgins, et al., Intranasal Interferon as Protection Against Experimental Respiratory Coronavirus Infection in Volunteers, Amer. Soc. of Microbiology. pp.713-15 (1983)			
V					
	1				

Examiner		Date	
Signature	/Mary Mosher/	Considered	07/09/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

considered, include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of Information is required by 37 CFR 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Petent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-788-9199) and select option 2.

PTO/SB/08b (08-03)

Approved for use through 06/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE required to respond to a collection of information unless it contains a valid OMB control number.

	Substitute for form 1449B/PTO				Complete if Known	
Substitut	ubstitute for form 14498/PTO		Application Number	10/814,701		
	INFORMATION DISCLOSURE			Filing Date	March 30, 2004	
	STATEMENT BY APPLICANT			First Named Inventor	Blatt, Lawrence M.	
				Art Unit	1642	
	(use as many sheets a	s necessary)		Examiner Name	To Be Assigned	
Sheet	1	of	1	Attorney Docket Number	INTM-030	

		NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²				
MM 	MM	FUCHIZAKI, U. et al. "Synergistic Antiviral Effect of a Combination of Ouse Interferon-alpha and interferon-gama on mouse Hapatitis virus. J. Med. Virol. 2003, Vol. 69, pgs. 188-194					
		PEI, J. "Chicken Interferon Type 1 Inhibits Infecttious Brochitis Virus Replication and Associated Respiratory Illness. Journal of Interferon and Cytokine Research 2001. Vol. 21, pgs. 1071-107	., •				
$\overline{\mathbf{V}}$		HIGGINS, P.G., et al. "Instranasal Interferon as Protection Against Experimental Respiratory Coronavirus Infection in Volunteers", Antimicrobrial Agents and Chemotherapy. 1983, Vol. 24, No. 5, pgs. 713-715					
•							
			<u> </u>				
Examiner Signature		/Mary Mosher/ Date 07/09/2007					

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 2Applicant is to place a check mark here if English tanguage Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCI Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Complete if Known tute for form 1449A/PTO 10/814,701 Application Number INFORMATION DISCLOSURE Filing Date March 30, 2004 STATEMENT BY APPLICANT **First Named Inventor** Blatt, Lawrence M. Art Unit 1642 (se as many sheets as necessary) **Examiner Name** To Be Assigned Sheet 1 **Attorney Docket Number** INTM-030

				U.S. PATENT	DOCUMENTS	
Examiner Initials'	Cite No.1	Occument Number Number-Kind Code ² (if know		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Felevant Passages or Relevant Figures Appear
		US-				/
		US- US-				
		US-				
		us-	$\overline{}$			
		US-	$\overline{}$			
		US- US-				
		US-				
		US-				
		US-		 	/	
		US-				

			N PATENT DOC	UMENTS		
Examiner Initials'	Cite No. ¹	Foreign Patent Document	Publication Date	Name of October	Pages, Columns, Lines,	
		Country Code ³ -Number ⁴ -Kind Code ⁶ (if known)	MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	٦٥
						-
						-
Examiner	1			Date		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov of MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the feign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document willow Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, prepaging, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of ting you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO				Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/814,701		
				Filing Date	March 30, 2004		
				First Named Inventor	Blatt, Lawrence M.		
	(use as many sheets as necessary)			Group Art Unit	1642		
				Examiner Name	To Be Assigned		
Sheet	A	of	1	Attorney Docket Number	INTM-030	-	

Evenines	Cito	OTHER ART—NON PATENT LITERATURE DOCUMENTS					
Examiner Cite No.¹		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s),					
MM		Stroher U., et al., J. infect Dis., 2004, April; 189(7)					
		Jones BM, Ma ES et al., Clin Exp Immunol. 2004 Mar; 135(3) 467-73					
		Enserink M., Science. 2004 Feb 27; 303(5662): 1273-5					
		Rimmelzwaan GF, et al., Nat Med. 2004 Maz; 10(3) 290-3					
		Moriguchi H., Sato C., Lancet. 2003 Oct 4; 362(9390): 1159					
		Antonelli G., Lancet. 2003 Oct 4; 362(9390): 1158; author reply 1158-9. No abstract					
		Cinati J., et al., Lancet 2003 July 26;362(9390)293-4					
$\overline{\mathbf{V}}$		Larkin, M., Lancet Infect Dis. 2003 Jul;3(7)400					

Examiner	/Mary Mosher/	Date	07/09/2007
Signature	/a. /obitcl/	Considered	

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the Individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.